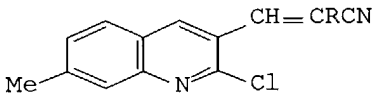
100 - 140 reviewed

L4 ANSWER 100 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:167269 CAPLUS Full-text
DN 108:167269
TI Activated nitriles in heterocyclic synthesis: a one-step synthesis of several new pyrimidine, pyridine, and pyrazole derivatives
AU Fathy, Nahed M.; Elgemeie, Galal H.
CS Appl. Org. Chem. Lab., Natl. Res. Cent., Cairo, Egypt
SO Journal of Chemical and Engineering Data (1988), 33(2), 218-19
CODEN: JCEAAX; ISSN: 0021-9568
DT Journal
LA English
OS CASREACT 108:167269
GI



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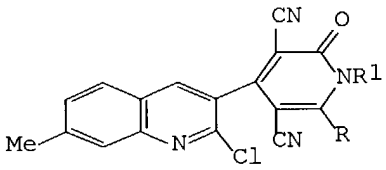

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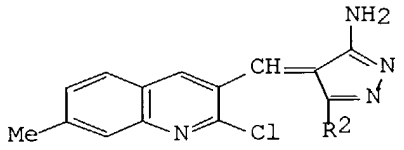
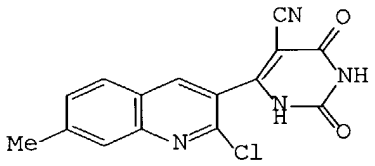


III

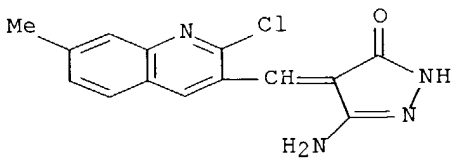


IV

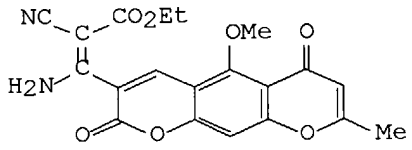
AB Knoevenagel reaction of 2-chloro-7-methyl-3-quinolinecarboxaldehyde with NCCH2R (R = cyano, CO2Et, CONH2) in EtOH containing Et3N gave 80-98% (cyanoethenyl)quinolines I. Cyclocondensation of I (R = cyano, CO2Et) with NCCH2CONHR1 (R1 = H, NH2) or of I (R = CONH2) with CH2(CN)2 and EtO2CCH2CN gave dicyanoquinolinylpyridones II. Similar cyclocondensation of I (R = cyano, CO2Et) with N2H4 gave (quinolinylmethylene)pyrazoles III (R2 = NH4, OH), and reaction of I (R = CO2Et) with urea gave quinolinylpyrimidine IV. Other heterocyclic derivs. were also prepared

IT **113111-06-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

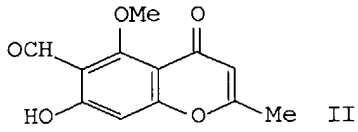
RN 113111-06-1 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-4-[(2-chloro-7-methyl-3-quinolinyl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



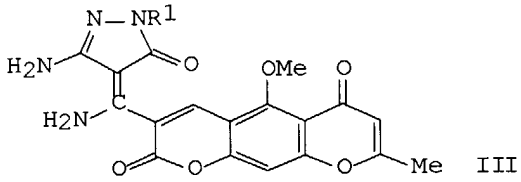
L4 ANSWER 101 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1988:55928 CAPLUS Full-text
DN 108:55928
TI Synthesis of benzo[1,2-b;5,4-b']dipyran derivatives (Part II)
AU Gohar, Abdel Kerim M. N.; Abdel-Latif, F. F.
CS Fac. Sci., El-Minia Univ., El-Minia, Egypt
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1987), 26B(4), 363-5
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 108:55928
GI



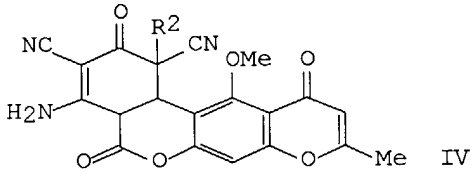
I



II



III

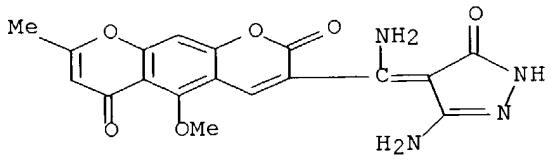


IV

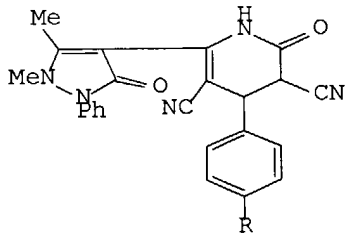
AB Benzodipyran derivative I, which was prepared from fused salicylaldehyde II and EtO2CCH2C(NH2):C(CN)CO2Et, underwent various reactions with hydrazines and cyanoacetic acid derivs. I was treated with N2H4 and PhNHNH2 to give pyrazoles III (R1 = H, Ph). Benzopyranobenzopyrans IV (R2 = cyano, CO2Et) were prepared from I and R2CH2CN.

IT **112517-80-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

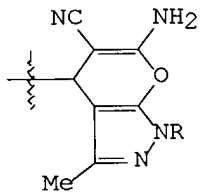
RN 112517-80-3 CAPLUS
CN 2H,6H-Benzo[1,2-b:5,4-b']dipyran-2,6-dione, 3-[amino(3-amino-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-5-methoxy-8-methyl- (9CI) (CA INDEX NAME)



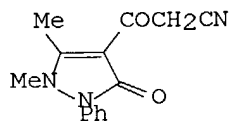
L4 ANSWER 102 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:598161 CAPLUS Full-text
DN 107:198161
TI Reactions with 3-pyrazolin-5-ones. Synthesis of 3.4-dihydropyridone and pyrano[2,3-c]pyrazole derivatives
AU Elagamey, Abdel Ghani A.; Ghali, Edwar A.; Harb, Abdel Fattah A.; Elnagdi, Mohamed H.
CS Fac. Sci., Mansoura Univ., Mansoura, Egypt
SO Archiv der Pharmazie (Weinheim, Germany) (1987), 320(2), 140-5
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA English
OS CASREACT 107:198161
GI



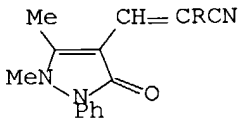
I



II



III

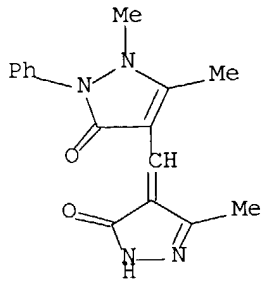


IV

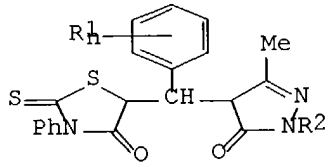
AB A number of title compds., e.g., I (R = H, Cl, MeO) and II (R = H, Ph), were prepared via cyclocondensation reactions of antipyrine derivs. III and IV (R = cyano, CO2Et, Bz).

IT **111042-11-6**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with pyrazolinylacrylonitriles)

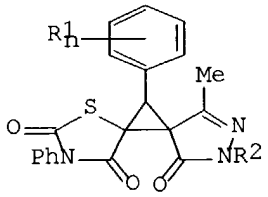
RN 111042-11-6 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-1,5-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 103 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:572278 CAPLUS Full-text
DN 107:172278
TI Michael addition of pyrazolone and thiazolidone to bis- and cyclopropane derivatives: their fungitoxicity study
AU Mitra, P.; Das, N. B.; Mittra, A. S.
CS Dep. Chem., Ravenshaw Coll., Cuttack, 753003, India
SO Acta Ciencia Indica, Chemistry (1985), 11(4), 267-72
CODEN: ACICDV; ISSN: 0253-7338
DT Journal
LA English
GI



I

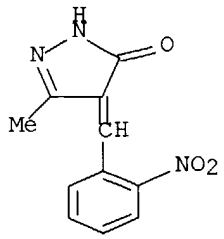


II

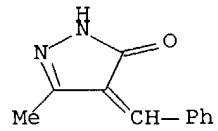
AB Twenty I (R1 = H, OH, NO2, MeO, or Br, n = 1 or 2, R2 = H or Ph) and their cyclopropane derivs. (II) were prepared and screened for their fungicidal activity against rice blast Pyricularia oryzae and the brown leaf-spot pathogen Helminthosporium oryzae. I were prepared by Michael addition of 4-benzylidene-2-pyrazolin-5-ones to 3-phenyl-2-mercapto-4-thiazolidones or by addition of 5-benzylidene-3-phenyl-2-mercapto-4-thiazolidinones to 3-methyl-2-pyrazolin-5-one. II were prepared by treatment of I with NaOH and I/KI solution or by Michael addition of 4-benzylidene-2-pyrazolin-5-ones with 5-bromo-3-phenyl-2-mercapto-4-thiazolidone. I were more active than II. Examples of some of the more active I were (R1 and R2 given): H, Ph; o-OH, Ph; p-OH, Ph; o-NO2, Ph; 2,3-HO(Br), Ph; o-OH, H; and o-NO2, H.

IT **10234-90-9 68761-49-9 68761-50-2 68761-51-3 68761-52-4 76074-81-2 91436-09-8 91436-10-1 110676-26-1 110676-27-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with bromo(mercapto)(phenyl)thiazolidone)

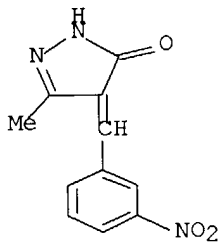
RN 10234-90-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



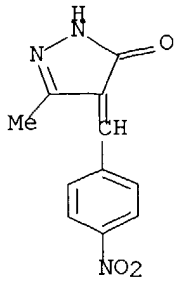
RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



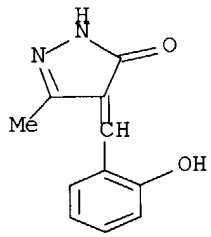
RN 68761-50-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



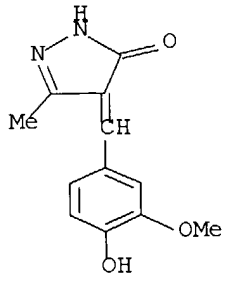
RN 68761-51-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



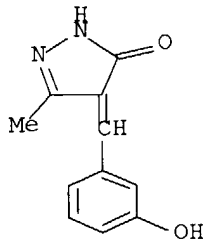
RN 68761-52-4 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



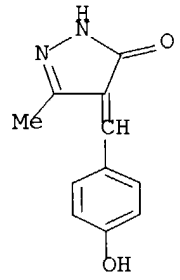
RN 76074-81-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]-
5-
methyl- (9CI) (CA INDEX NAME)



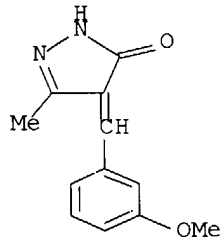
RN 91436-09-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



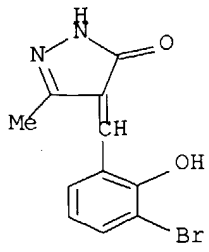
RN 91436-10-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



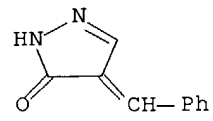
RN 110676-26-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methoxyphenyl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



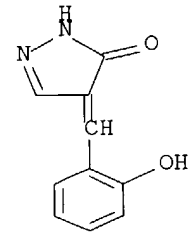
RN 110676-27-2 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(3-bromo-2-hydroxyphenyl)methylene]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



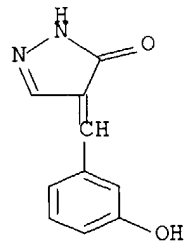
IT **110676-28-3 110676-29-4 110676-30-7**
110676-31-8 110676-32-9 110676-33-0
110676-34-1 110676-35-2 110676-36-3
110676-37-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with phenyl(mercapto)thiazolidones)
RN 110676-28-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



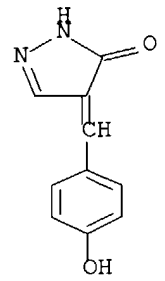
RN 110676-29-4 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



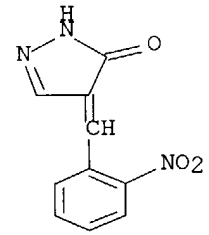
RN 110676-30-7 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



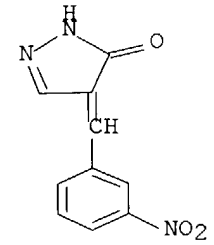
RN 110676-31-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



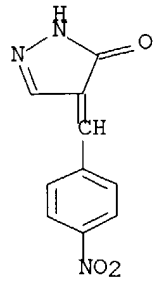
RN 110676-32-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



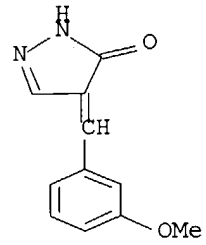
RN 110676-33-0 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



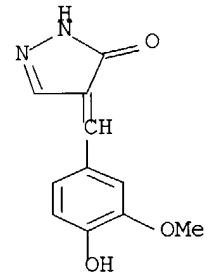
RN 110676-34-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



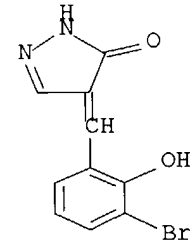
RN 110676-35-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



RN 110676-36-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



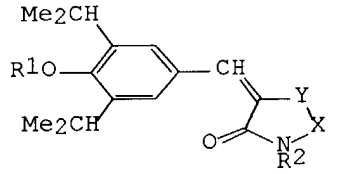
RN 110676-37-4 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(3-bromo-2-hydroxyphenyl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



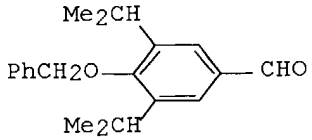
L4 ANSWER 104 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:213918 CAPLUS Full-text
DN 106:213918
TI Diisopropylbenzylidene-substituted heterocycles
IN Imai, Naohiro; Shiraishi, Tadayoshi; Katsumi, Ikuo; Yamashita, Katsuji; Ariki, Yutaka; Yamashita, Toshiaki
PA Kanegafuchi Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62029570	A2	19870207	JP 1985-167999	19850729
	JP 05074587	B4	19931018		
PRAI	JP 1985-167999		19850729		

GI



I

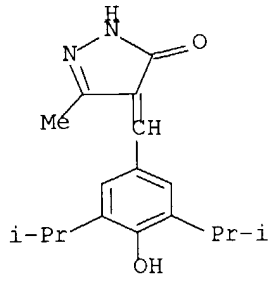


II

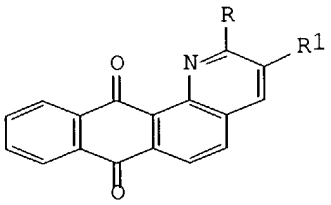
AB The title compds. I [R1 = H, PhCH2; R2 = H, R3CO (R3 = H, C1-3 alkyl), Ph; X = CO, CS, C:NH, CHR4 (R4 = H, C1-3 alkyl), NPh; Y = CH2, CH2SO2, CO, C(O)NH, NR5 (R5 = H, C1-3 alkyl), NHC(O), O, S; XY = CR6:N (R6 = H, C1-3 alkyl, morpholino, Ph), N:CR6, o-phenylene, o-C6H4SO2], useful as antiallergics and tyrosine kinase inhibitors, are prepared A mixture of 3,5-(Me2CH)2C6H3CHO, hydantoin, ethanolamine, EtOH, and H2O was refluxed to give I (R1 = R2 = H, X = CO, Y = NH) which at 100 μM showed 100% control of free slow-reacting substances of anaphylaxis or their biosynthesis in guinea pigs.

IT **108402-26-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as antiallergic agent and tyrosine kinase inhibitor)

RN 108402-26-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[4-hydroxy-3,5-bis(1-methylethyl)phenyl]methylene]-5-methyl- (9CI) (CA INDEX NAME)



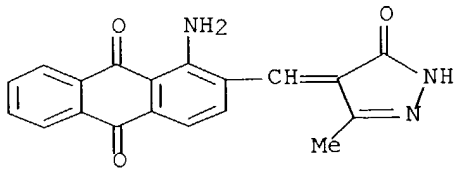
L4 ANSWER 105 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:119761 CAPLUS Full-text
DN 106:119761
TI Synthesis of naphtho[2,3-h]quinoline-7,12-dione, 1H-naphtho[2,3-h]pyrazolo[3,4-b]quinoline-7,12-dione and their derivatives
AU Younes, Mansour I.; Metwally, Saoud A.
CS Fac. Sci., Assiut Univ., Quena, Egypt
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1986), 25B(6), 616-18
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 106:119761
GI



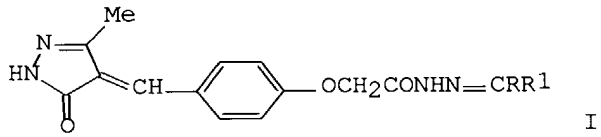
II

AB The Friedlaender condensation of 1-amino-2-formylanthraquinone (I) with a number of ketones was studied. Condensation of I with cyclohexanone in the presence of ethanolic KOH gave naphthacridinedione I [RR1 = (CH2)4] whereas with acetylpyridines and 2-acetylthiophene, naphthoquinolinediones I (R = 2-, 3-, 4-pyridyl, 2-thienyl; R1 = H) were obtained. Fusion of I with 3-methyl-2-pyrazolin-5-ones and oxindole gave naphthopyrazoloquinolinediones I (RR1 = NHN:CMe, NPhN:CMe) and indolonaphthoquinolinedione I (RR1 = o-NHC6H4) resp. Reactions of I with other compds. were also studied.

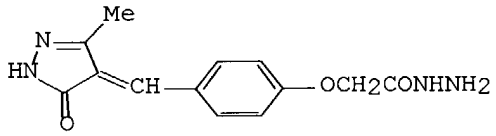
IT **107124-90-3P**
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and NMR of)
RN 107124-90-3 CAPLUS
CN 9,10-Anthracenedione, 1-amino-2-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-
ylidene)methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 106 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:102148 CAPLUS Full-text
DN 106:102148
TI Synthesis of some newer 4-(3-methyl-5-oxo-4-pyrazolidinylidenemethyl)phenoxyacetic acid benzylidenehydrazides and α-methylbenzylidenehydrazides as CNS active and antiinflammatory agents
AU Mohan, Rajiv Ravindra; Agarwal, Chapla; Misra, V. S.
CS Dep. Chem., Univ. Lucknow, Lucknow, 226 007, India
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1986), 25B(3), 339-41
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 106:102148
GI

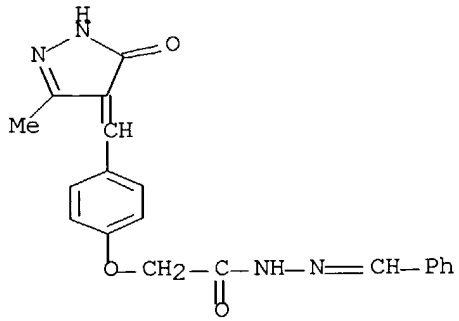


I



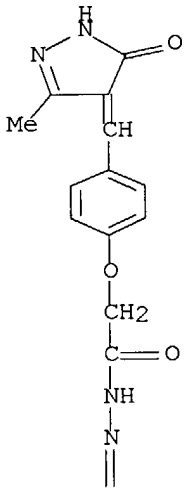
II

AB The title compds. I (R = H, Me; R1 = Ph, substituted phenyl) were prepared by condensation of hydrazides II with RCOR2. II was prepared by condensation of 3-methyl-5-oxopyrazole with p-OHCC6H4OCH2CO2Et followed by treatment with H2NNH2.H2O. I had central nervous systems stimulant or depressant activity and gave 4-23% protection against carrageenin-induced mice paw edema.
IT **107044-90-6P 107044-91-7P 107044-92-8P**
107044-93-9P 107044-94-0P 107044-95-1P
107044-96-2P 107044-97-3P 107044-98-4P
107044-99-5P 107045-00-1P 107045-01-2P
107045-02-3P 107045-03-4P 107045-04-5P
107045-05-6P 107045-06-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and central nervous system and antiinflammatory activity of)
RN 107044-90-6 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, (phenylmethylene)hydrazide (9CI) (CA INDEX NAME)

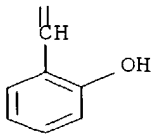


RN 107044-91-7 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(2-hydroxyphenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

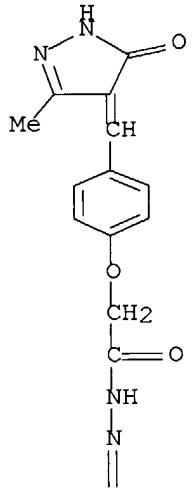


PAGE 2-A

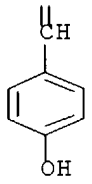


RN 107044-92-8 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4-hydroxyphenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

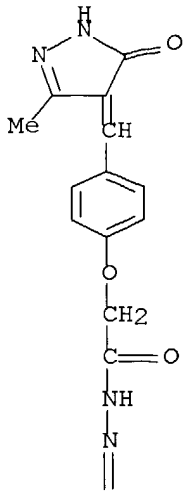


PAGE 2-A

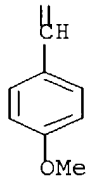


RN 107044-93-9 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4-methoxyphenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



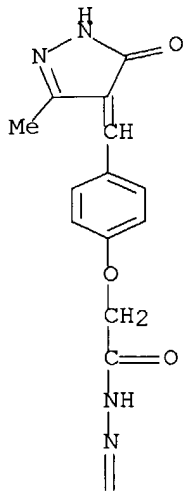
PAGE 2-A



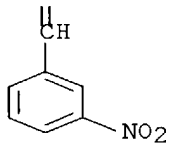
RN 107044-94-0 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(3-nitrophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

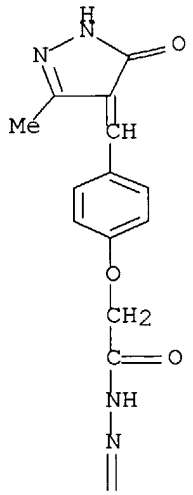


PAGE 2-A

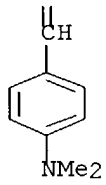


RN 107044-95-1 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [[4-(dimethylamino)phenyl]methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

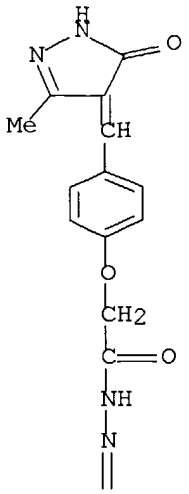


PAGE 2-A

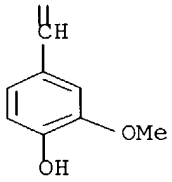


RN 107044-96-2 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4-hydroxy-3-methoxyphenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

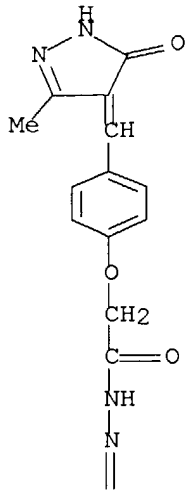


PAGE 2-A

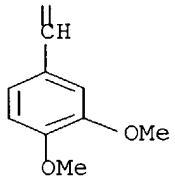


RN 107044-97-3 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(3,4-dimethoxyphenyl)methylene]hydrazide (9CI)
(CA INDEX NAME)

PAGE 1-A

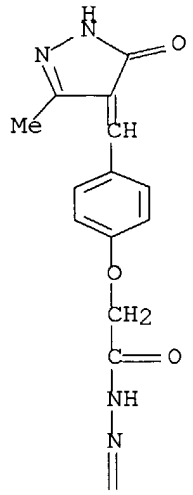


PAGE 2-A

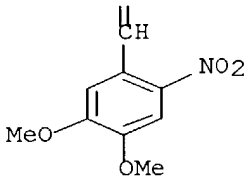


RN 107044-98-4 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4,5-dimethoxy-2-nitrophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

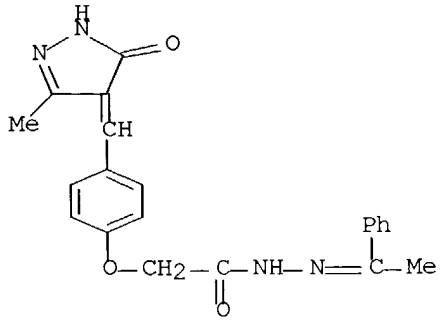


PAGE 2-A



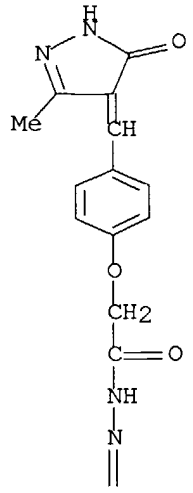
RN 107044-99-5 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, (1-phenylethylidene)hydrazide (9CI) (CA INDEX NAME)



RN 107045-00-1 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(2-hydroxyphenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



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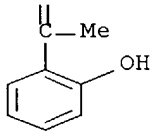
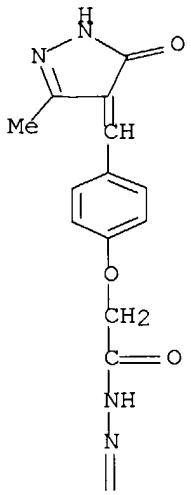
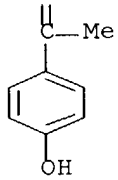


RN 107045-01-2 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-hydroxyphenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

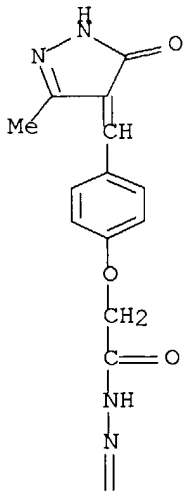


PAGE 2-A

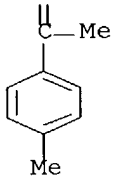


RN 107045-02-3 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-methylphenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



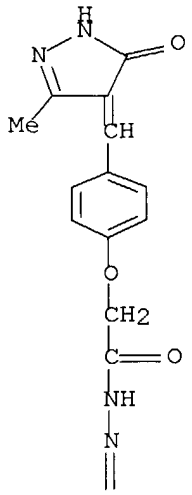
PAGE 2-A



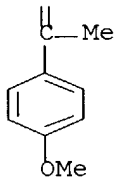
RN 107045-03-4 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-methoxyphenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

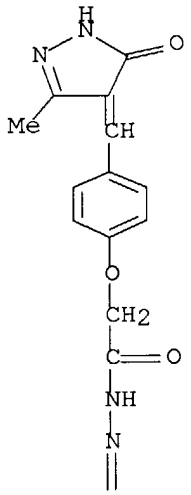


PAGE 2-A

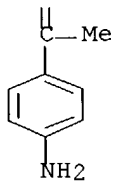


RN 107045-04-5 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-aminophenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



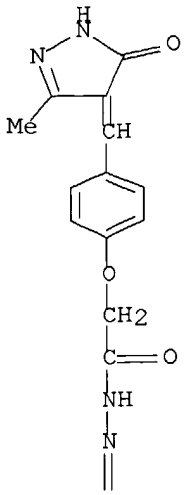
PAGE 2-A



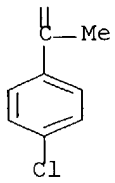
RN 107045-05-6 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-chlorophenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

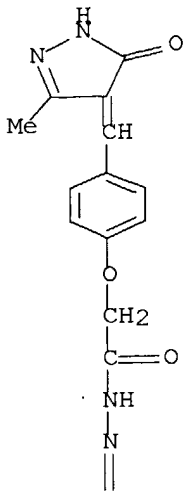


PAGE 2-A

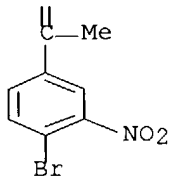


RN 107045-06-7 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-bromo-3-nitrophenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

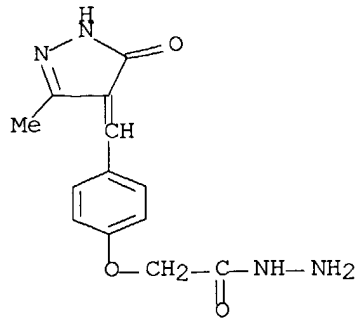
PAGE 1-A



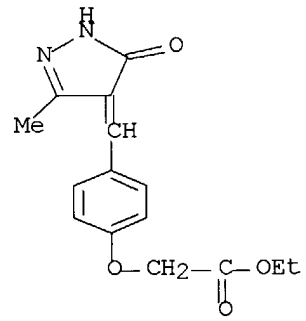
PAGE 2-A



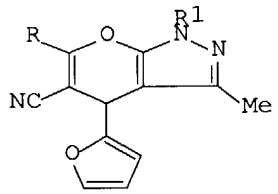
IT **107045-08-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and condensation with benzaldehydes and acetophenones)
RN 107045-08-9 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, hydrazide (9CI) (CA INDEX NAME)



IT **107045-07-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and reaction with hydrazine)
RN 107045-07-8 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 107 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1986:68786 CAPLUS Full-text
DN 104:68786
TI Substituted acrylonitriles in heterocyclic synthesis. The reaction of α-substituted β-(2-furyl)acrylonitriles with some active methylene heterocycles
AU Abdelrazek, Fathy Mohamed; Kandeel, Zaghloul El Shahat; Himly, Khalid Mohamed Hassan; Elnagdi, Mohamed Hilmy
CS Fac. Sci., Cairo Univ., Giza, Egypt
SO Synthesis (1985), (4), 432-4
CODEN: SYNTBF; ISSN: 0039-7881
DT Journal
LA English
OS CASREACT 104:68786
GI



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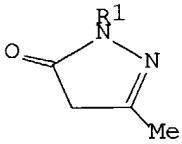

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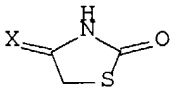

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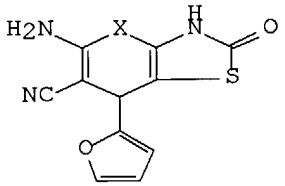
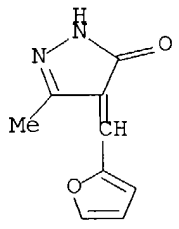


V

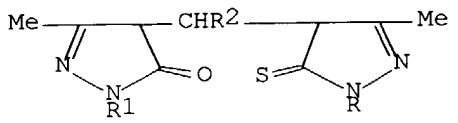
AB Cyanofurylpyranopyrazoles I (R = NH2; R1 = H, Ph,) were prepared by treating R2CH:CR3CN (II; R2 = 2-furyl, R3 = cyano) with pyrazolinone III (R1 = H, Ph) in EtOH containing piperidine. Similar treatment of II (R2 = 2-furyl; R3 = CO2Et, Bz) with III yielded I (R = OH, Ph; R1 = H, Ph). When similarly treated with dioxo- and oxothioxothiazoles IV (X = O, S), II (R2 = 2-furyl, R3 = cyano) gave pyrano- and thiopyranothiazolones V.

IT **99941-44-3**
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, with malononitrile)

RN 99941-44-3 CAPLUS
CN 3H-Pyrazol-3-one, 4-(2-furanylmethylene)-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 108 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:185006 CAPLUS Full-text
DN 102:185006
TI Synthesis and fungicidal activity of some mixed 5-pyrazolone and 5-thiopyrazolone derivatives
AU Devi, S.; Nayak, A.; Mittra, A. S.
CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, 753 003, India
SO Journal of the Indian Chemical Society (1984), 61(7), 640-2
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
OS CASREACT 102:185006
GI



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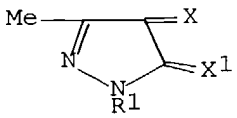
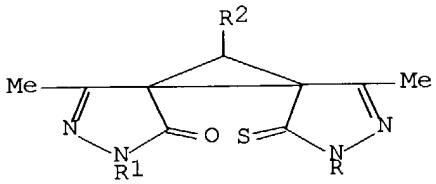


II

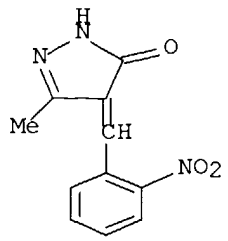


III

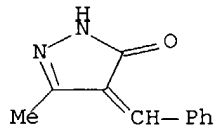
AB The title compds. I (R = Ph, R1 = Ph, H, R2 = Ph, substituted Ph) were prepared in 40-55% yields by Michael addition of pyrazolone II (X = R2CH, X1 = O) with II (X = H2, X1 = S) or analogously from II (X = R2CH, X1 = S) and II (X = H2, X1 = O). Treating I with 20% NaOH and a saturated solution of I-KI gave 35-50% cyclopropanes III. I (R = R1 = R2 = Ph) inhibited germination of Pyricularia oryzae and Helminthosporium oryzae 61 and 58%, resp., at 1000 ppm concentration III were somewhat less effective.

IT **10234-90-9 68761-49-9 68761-50-2 68761-51-3 68761-52-4 91436-09-8 91436-10-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(Michael reaction of, with pyrazolonethiones)

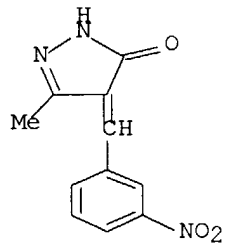
RN 10234-90-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



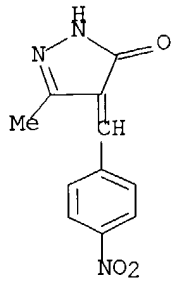
RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



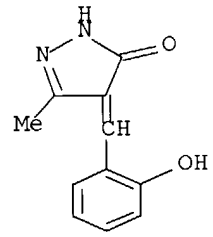
RN 68761-50-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



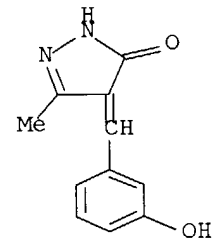
RN 68761-51-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



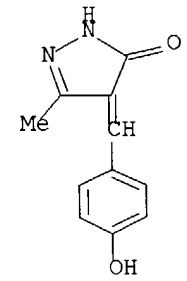
RN 68761-52-4 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-(9CI) (CA INDEX NAME)



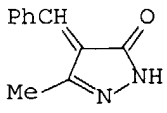
RN 91436-09-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-(9CI) (CA INDEX NAME)



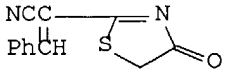
RN 91436-10-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-(9CI) (CA INDEX NAME)



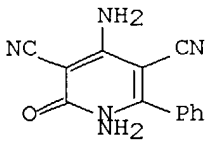
L4 ANSWER 109 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:185005 CAPLUS Full-text
DN 102:185005
TI Activated nitriles in heterocyclic synthesis. Part III. Synthesis of N-amino-2-pyridone, pyranopyrazole and thiazolopyridine derivatives
AU Elmoghayar, Mohamed Rifaat Hamza; El-Agamey, Abdel-Ghani Ali; Nasr, Mohamed Yousri Abdel-Samad; Sallam, Mohamed Mohamed Mohamed
CS Fac. Sci., Cairo Univ., Damietta, Egypt
SO Journal of Heterocyclic Chemistry (1984), 21(6), 1885-7
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 102:185005
GI



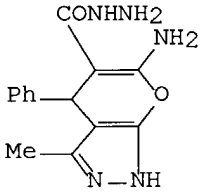
I



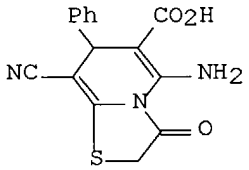
II



III

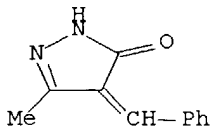


IV

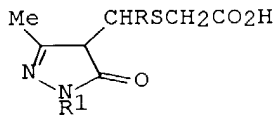


V

AB Refluxing H2NNHCOCH2CN with PhCH:C(CN)2, pyrazolinone I, and thiazolinone II in EtOH in the presence of piperidine gave pyridone III, pyranopyrazole IV, and thiazolopyridine V resp.
IT **68761-49-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with cyanoacetohydrazide)
RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



L4 ANSWER 110 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1984:571166 CAPLUS Full-text
DN 101:171166
TI Synthesis and fungitoxicity of 2-pyrazolin-4-(1'-aryl-1'-thioglycolic acid
methyl)-5-one
AU Mitra, Pravati; Mittra, A. S.
CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, 753003, India
SO Acta Ciencia Indica, Chemistry (1983), 9(1-4), 6-8
CODEN: ACICDV; ISSN: 0253-7338
DT Journal
LA English
GI



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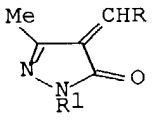
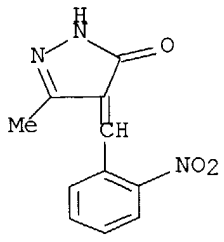
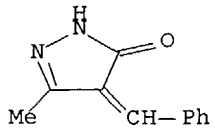


II

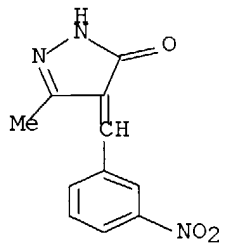
AB Twenty-four title compds. I (R = aryl; R1 = Ph, H) were prepared by Michael addition of HSCH2CO2H with the corresponding 4-monoarylidene-2-pyrazolin-5- ones II. Eleven I were active against Pyricularia oryzae and Helminthosporium oryzae.
IT **10234-90-9 68761-49-9 68761-50-2 68761-51-3 68761-52-4 91436-09-8 91436-10-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(Michael reaction of, with thioglycolic acid)
RN 10234-90-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



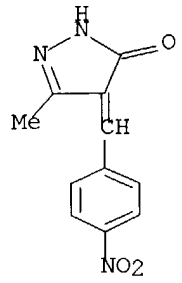
RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



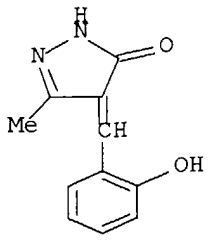
RN 68761-50-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)
(CA INDEX NAME)



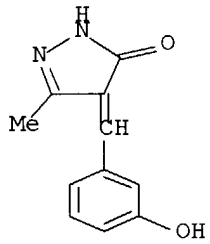
RN 68761-51-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)
(CA INDEX NAME)



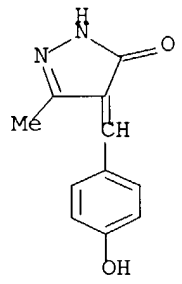
RN 68761-52-4 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



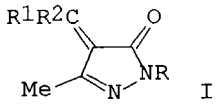
RN 91436-09-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



RN 91436-10-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

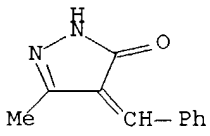


L4 ANSWER 111 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1984:472660 CAPLUS Full-text
DN 101:72660
TI Michael addition of ylidenepyrazolones
AU Khalifa, Fathy A.; Abdel-Galil, Fathy M.; Riad, Bahia Y.; Elnagdi, Mohamed H.
CS Fac. Sci., Cairo Univ., Giza, Egypt
SO Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1983), 22B(11), 1158-9
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 101:72660
GI

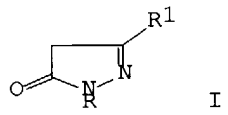


I

AB The reactivity of ylidenepyrazolones I [R,R1,R2 = H, H, Ph (II); Ph, Me, OH (III), Ph, Me, NH2 (IV)] towards compds. bearing in activated double bond has been investigated. Thus, II on treatment with H2C:CHCN gave the amide I (R = CH2CH2CONH2, R1, R2 = H) whereas treatment with H2C:CHCO2Et, N-arylmaleimides, and MeO2CC.tplbond.CCO2Et, the Michael adducts were obtained. Reaction of III and IV with H2C:CHCN and H2C:CHCO2Et gave the adducts I [R = Ph; R1 = (CH2)3CONH2, (CH2)3CO2Et, R2 = OH, NH2].
IT **68761-49-9**
RL: RCT (Reactant); RACT (Reactant or reagent)
(Michael condensation of, with acrylonitrile)
RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



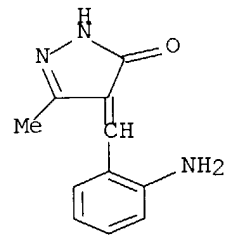
L4 ANSWER 112 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1984:156536 CAPLUS Full-text
DN 100:156536
TI Friedlaender condensation of 1H-pyrazolin-5-ones with o-aminobenzaldehydes. Synthesis of 1H-pyrazolo[3,4-b]quinolines
AU Tomasik, Danuta; Tomasik, Piotr; Abramovitch, Rudolph A.
CS Dep. Chem. Phys., Hugon Kollataj Acad. Agric., Krakow, 30059, Pol.
SO Journal of Heterocyclic Chemistry (1983), 20(6), 1539-43
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 100:156536
GI



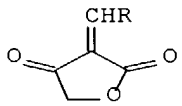
I

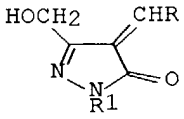
AB All the possible 1H-pyrazolin-5-ones I (R, R1 = H, Me, Ph) have been condensed with 2-H2NC6H4CHO. In some cases 1H-pyrazolo[3,4-b]quinolines are formed together with a variety of other products. The balance between formation of hydrazone and the ring-closed product is discussed, as is the formation of other products obtained in these condensations.

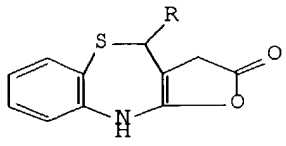
IT **89522-19-0P**
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, in Friedlaender reaction of pyrazolinone with aminobenzaldehyde)
RN 89522-19-0 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(2-aminophenyl)methylene]-2,4-dihydro-5-methyl-(9CI)
(CA INDEX NAME)



L4 ANSWER 113 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1983:594936 CAPLUS Full-text
DN 99:194936
TI Substituted γ-butyrolactones. Part 32. Ring construction using 3-(arylmethylene)-2,4(3H,5H)-furandione: synthesis of pyrazolones and furo[3,4-c][1,5]benzothiazepinones
AU Schmidt, Diane Grob; Zimmer, Hans
CS Dep. Chem., Univ. Cincinnati, Cincinnati, OH, 45221, USA
SO Journal of Organic Chemistry (1983), 48(23), 4367-70
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 99:194936
GI

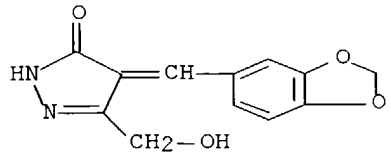


I


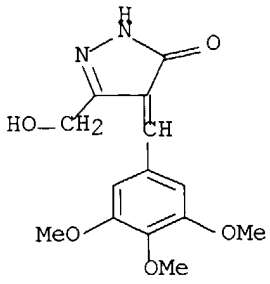
II


III

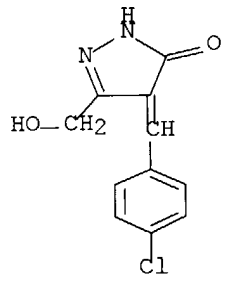
AB Arylmethylenefurandiones I [R = Ph, 4-ClC6H4, 2-ClC6H4, 4-BrC6H4, 2-O2NC6H4, 3,4-(MeO)2C6H3, 3,4,5-(MeO)3C6H2, 3,4-methylenedioxyphenyl, 5-methyl-2-thienyl] reacted with H2NNHR1 (R1 = H, Me) regioselectively to form pyrazolones II as the major product. With 2-HSC6H4NH2, I reacted to form furobenzothiazepinones III.
IT **87191-99-9 87192-00-5 87192-01-6**
87192-02-7 87192-03-8 87192-04-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with aminothiophenol, benzothiazepinone by)
RN 87191-99-9 CAPLUS
CN 3H-Pyrazol-3-one, 4-(1,3-benzodioxol-5-ylmethylene)-2,4-dihydro-5-(hydroxymethyl)- (9CI) (CA INDEX NAME)



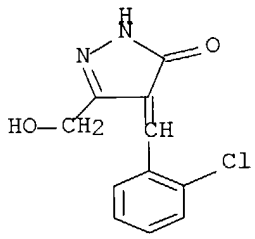
RN 87192-00-5 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-4-[(3,4,5-trimethoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



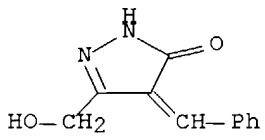
RN 87192-01-6 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-(hydroxymethyl)- (9CI) (CA INDEX NAME)



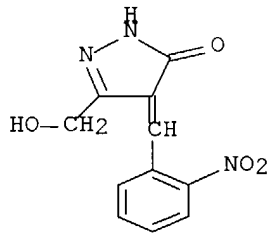
RN 87192-02-7 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(2-chlorophenyl)methylene]-2,4-dihydro-5-(hydroxymethyl)- (9CI) (CA INDEX NAME)



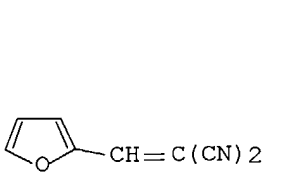
RN 87192-03-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-4-(phenylmethylene)- (9CI)
(CA INDEX NAME)



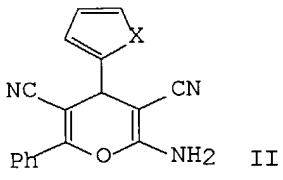
RN 87192-04-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-4-[(2-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



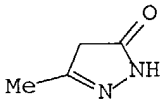
L4 ANSWER 114 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1983:594746 CAPLUS Full-text
DN 99:194746
TI α,β-Unsaturated nitriles in heterocyclic synthesis: the reaction of β-(2-furanyl)- and β-(2-thienyl)acrylonitrile with active methylene reagents
AU Girgis, Nabih Saddik; Elgemeie, Galal Eldin Hamza; Nawar, Galal Abdel Moeir; Elnagdi, Mohamed Hilmy
CS Natl. Res. Cent., Cairo, Egypt
SO Liebigs Annalen der Chemie (1983), (9), 1468-75
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA English
OS CASREACT 99:194746
GI



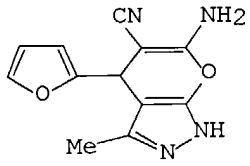
I



II



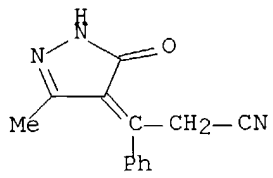
III



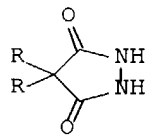
IV

AB The reactions of β-(2-furanyl)- and β-(2-thienyl)acrylonitriles with active methylene reagents were investigated. New pyran and pyranodiazole derivs. were obtained. Thus, the furanylacetonitrile I and PhCOCH2CN gave its pyran II. I and the pyrazole III gave the pyranopyrazole IV.

IT **87736-65-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 87736-65-0 CAPLUS
CN Benzenepropanenitrile, β-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)- (9CI) (CA INDEX NAME)



L4 ANSWER 115 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1983:522367 CAPLUS Full-text
DN 99:122367
TI Synthesis of unsubstituted pyrazolidine-3,5-dione
AU Dubau, Franz Peter
CS Mechtersen, D-2121, Fed. Rep. Ger.
SO Chemische Berichte (1983), 116(7), 2714-16
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German
OS CASREACT 99:122367
GI



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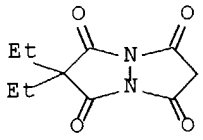
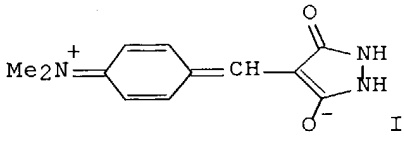


II

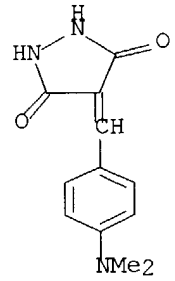


III

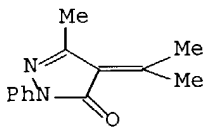
AB Cyclizing EtO2CCH2CONHNH2 with NaOMe gave 20% the title compound (I, R = H). Et2C(COCl)2 cyclized with I (R = H) to give the same compound II (27% yield) as was also obtained from I (R = Et) and CH2(COCl)2. Condensation of I (R = H) with 4-Me2NC6H4CHO gave pyrazololate III, indicating the very active CH2 group of I (R = H).

IT **87161-14-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

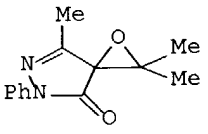
RN 87161-14-6 CAPLUS
CN 3,5-Pyrazolidinedione, 4-[[4-(dimethylamino)phenyl]methylene]- (9CI) (CA
INDEX NAME)



L4 ANSWER 116 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1983:215520 CAPLUS Full-text
DN 98:215520
TI Oxopyrazoline-spirooxiranes. A new class of reactive heterocycles
AU Ege, Seyhan N.; Adams, Alan D.; Gess, E. Joseph; Ragone, Katherine S.; Kober, Brian J.; Lampert, Mark B.; Umrigar, Pesi; Lankin, David C.; Griffin, Gary W.
CS Dep. Chem., Univ. Michigan, Ann Arbor, MI, 48109, USA
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1983), (2), 325-31
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
OS CASREACT 98:215520
GI

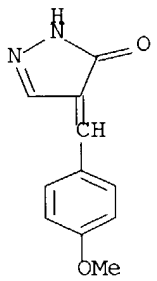


I

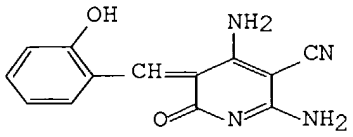


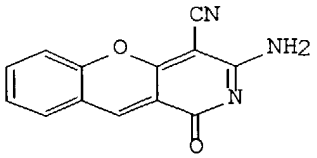
II

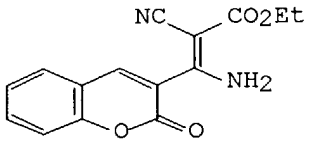
AB Oxidation of 4-alkylidene- and 4-arylidene-1-aryl-2-pyrazolin-5-ones with H2O2 in MeOH containing NaOH gave 1-oxa-5,6-diazaspiro[2.4]hept-6-en-4-ones. E.g., epoxidn. of pyrazolinone I as above gave 76% spiro compound II. These new compds. were characterized spectroscopically, especially by NMR.
IT **85921-36-4**
RL: RCT (Reactant); RACT (Reactant or reagent)
(oxidation of)
RN 85921-36-4 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)

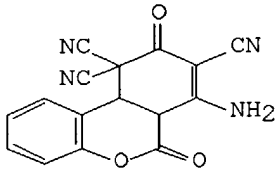


L4 ANSWER 117 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1983:34466 CAPLUS Full-text
DN 98:34466
TI Activated nitriles in heterocyclic synthesis: synthesis of several new coumarin derivatives
AU Abdou, Sadek; Fahmy, Sherif Mahmoud; Khader, Mahmoud M.; Elnagdi, Mohamed Hilmy
CS Fac. Sci., Cairo Univ., Giza, Egypt
SO Monatshefte fuer Chemie (1982), 113(8-9), 985-91
CODEN: MOCMB7; ISSN: 0026-9247
DT Journal
LA English
GI


I


II

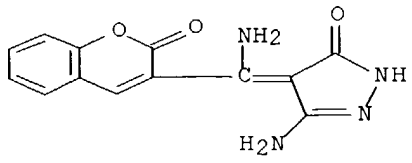

III


IV

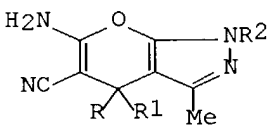
AB NCC(NH2):C(CN)2 reacted with 2-HOC4H4CHO to give the adduct I, which underwent cyclization to give the benzopyranopyridine II. EtO2CC(NH2):CCCN)CO2Et underwent cyclization with 2-HOC6H4CHO to give the benzopyran III. III underwent reactions with active methyleno compds. to give various adducts, e.g. IV.

IT **84156-08-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

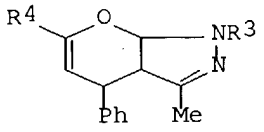
RN 84156-08-1 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-4-[amino(2-oxo-2H-1-benzopyran-3-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



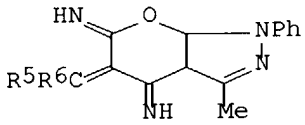
L4 ANSWER 118 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1982:104138 CAPLUS Full-text
DN 96:104138
TI Activated nitriles in heterocyclic synthesis: a novel synthesis of pyrano[2,3-c]pyrazoles
AU Abdou, Sadek; Fahmy, Sherif Mahmoud; Sadek, Kamal Usef; Elnagdi, Mohamed Hilmy
CS Fac. Sci., Minia Univ., Egypt
SO Heterocycles (1981), 16(12), 2177-80
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
OS CASREACT 96:104138
GI



I



II

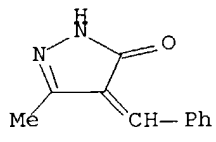


III

AB Pyranopyrazoles I [R = (un)substituted Ph, R1 = H, (un)substituted Ph, R2 = H, Ph, RR1 = 9-fluorenylidenyl], II (R3 = H, Ph, R4 = OH, Ph), and III (R5 = Ph, p-MeOC6H4, m-O2NC6H4, R6 = H; R5 = R6 = Ph, p-MeOC6H4; R5R6 = 9-fluorenylidenyl) were prepared in 50-94% yields by cyclocondensation reactions of phenylacrylonitriles with 3-methyl- and 3-methyl-1-phenyl-2- pyrazolin-5-ones.

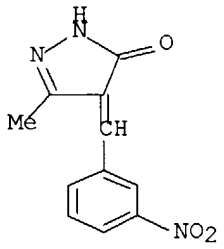
IT **68761-49-9 68761-50-2 76074-80-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with malononitrile)

RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)

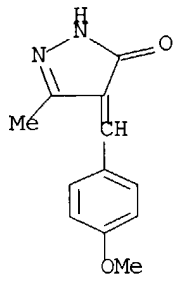


RN 68761-50-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-

(9CI)
(CA INDEX NAME)



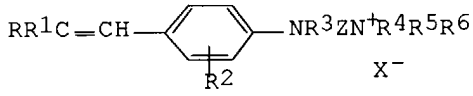
RN 76074-80-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



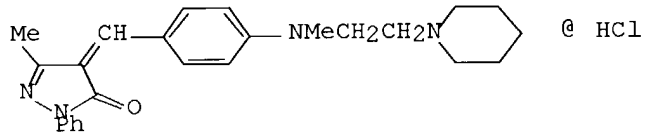
L4 ANSWER 119 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1981:552152 CAPLUS Full-text
DN 95:152152
TI Bleachable dyes and their use in photographic material
IN Postle, Stephen Roderick
PA Ciba-Geigy A.-G., Switz.
SO Eur. Pat. Appl., 27 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 29412	A2	19810527	EP 1980-810350	19801113
	EP 29412	A3	19811202		
	R: BE, CH, DE, FR, GB, IT				
	US 4369310	A	19830118	US 1980-199162	19801022
	JP 56084752	A2	19810710	JP 1980-159699	19801114
PRAI	GB 1979-39970		19791119		

GI



I



II

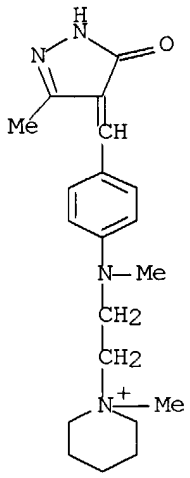
AB Bleachable dyes (I; R, R1 = CN, acyl, carbalkoxy; R1 ≠ CN or carbalkoxy when R is CN; RR1C = carbocyclic or heterocyclic ring; R2 = H, alkyl, alkoxy; R3 = alkyl; R4, R5, R6 = H, alkyl, carboxyalkyl, alkoxycarbonylalkyl, aryl; 2 or 3 of R4, R5, R6 may be combined with the attached N to form a ring system; Z = bridging group; X- = anion) are prepared for use as antihalation dyes, filter dyes, and screening dyes. Thus, a mixture of N-[2-(N-piperidyl)ethyl]-N-methylaniline-4-carboxaldehyde [79049-79-9] and 3-methyl-1-phenyl-5-pyrazolone [1932-03-2] was refluxed in HOAc to give II [79049-43-7] with λmax (gelatin) 415 nm, 98% substantivity, and 100% bleachability in gelatin.

IT **79049-57-3P**
RL: IMF (Industrial manufacture); PREP (Preparation)
(photog. dye, bleachable, preparation of)

RN 79049-57-3 CAPLUS
CN Piperidinium, 1-[2-[[4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenyl]methylamino]ethyl]-1-methyl-, methyl sulfate (9CI) (CA INDEX NAME)

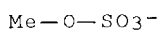
CM 1

CRN 79049-56-2
CMF C20 H29 N4 O

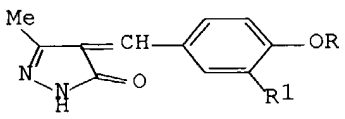


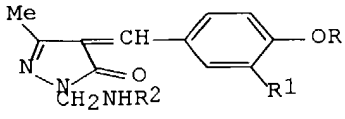
CM 2

CRN 21228-90-0
CMF C H3 O4 S



L4 ANSWER 120 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1981:30629 CAPLUS Full-text
DN 94:30629
TI Synthesis and biological evaluation of 1-arylaminomethyl-3-methyl-4-substituted benzylidene-5-pyrazolones. A new class of pesticides
AU Sen Gupta, Anil K.; Gupta, Anurag Ateet
CS Dep. Chem., Lucknow Univ., Lucknow, 226007, India
SO Bokin Bobai (1980), 8(7), 283-8
CODEN: BOBODP; ISSN: 0385-5201
DT Journal
LA English
GI

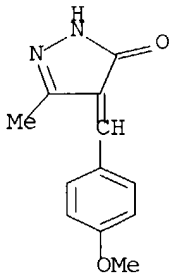

I


II

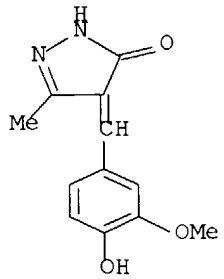
AB Mannich reaction of benzylidenepyrazolones I (R = H, Me; R1 = H, OMe) with R2NH2 (R2 = optionally substituted Ph, morphlino, piperidino) gave 60-80% arylaminomethylbenzylidenepyrazolones II. II showed bactericidal activity in the agar plate test, but little insecticidal activity. Structure-activity relations are discussed.

IT **76074-80-1P 76074-81-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)(preparation and aminomethylation of)

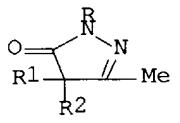
RN 76074-80-1 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



RN 76074-81-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 121 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1979:54875 CAPLUS Full-text
DN 90:54875
TI Synthesis and fungicidal activity of arylideneacetoacetic hydrazides
AU Nayak, A.; Mittra, A. S.
CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, India
SO Journal of the Indian Chemical Society (1978), 55(6), 593-7
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
GI

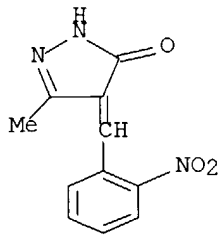


I

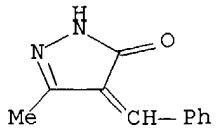
AB Treatment of 2-pyrazolin-5-ones I [R = H, Ph; R1 = R2 = H or R1R2 = (un)substituted benzylidene] (26 compds.) with N2H4 resulted in cleavage to give acetoacetic hydrazides RNHN:CMeCR1R2CONHNH2. The latter underwent Michael addition with starting I to give I [R = H, R1 = RNHN:NMeCH(CONHNH2)CHR2, where R2 = (un)substituted benzyl]. Most of the products are active against rice blast and brown leaf spot pathogens.

IT **10234-90-9 68761-49-9 68761-50-2**
68761-51-3 68761-52-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrazinolysis and fungicidal activity of)

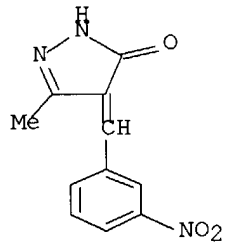
RN 10234-90-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]- (9CI)
(CA INDEX NAME)



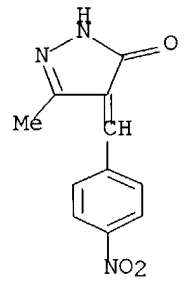
RN 68761-49-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



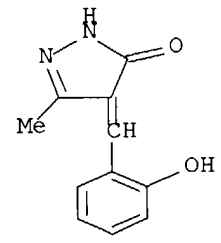
RN 68761-50-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-(9CI)
(CA INDEX NAME)



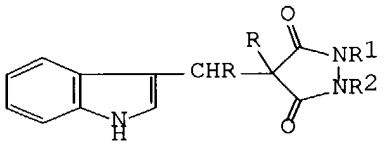
RN 68761-51-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-(9CI)(CA INDEX NAME)



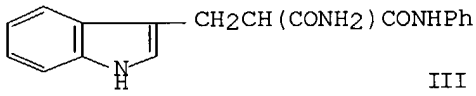
RN 68761-52-4 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-(9CI) (CA INDEX NAME)



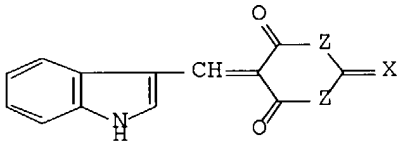
L4 ANSWER 122 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1979:54764 CAPLUS Full-text
DN 90:54764
TI Synthesis and properties of some Lewis and Broensted acids of the indole series
AU Velezheva, V. S.; Erofeev, Yu. V.; Yares'ko, N. S.; Balabushevich, A. G.;
Suvorov, N. N.
CS Mosk. Khim.-Tekhnol. Inst., Moscow, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1978), (10), 1343-8
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 90:54764
GI



I



III

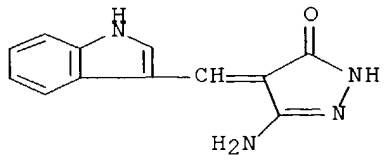


IV

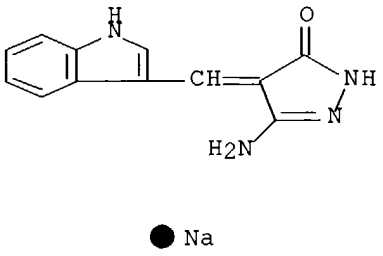
AB Reduction of pyrazolylidenemethylindole I (RR = bond; R1 = R2 = Ph; R1 = H, R2 = Ph(II)), prepared by condensation of the indolecarboxaldehyde with the resp. pyrazolone, over Pd gave 80-2% I (R = H). Reduction of II over Ni gave 85% III. Treatment of I (RR = bond) with EtONa gave the corresponding Na salts. Condensation of 2- or 3-indolecarboxaldehyde with cyclic CH acids gave 63-97% products, e.g., IV (Z = NH, X = O, S, Me2), which also formed Na salts when treated with NaOEt.

IT **69008-55-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion to sodium salt)

RN 69008-55-5 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(1H-indol-3-ylmethylene)- (9CI) (CA INDEX NAME)



IT **69008-65-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 69008-65-7 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(1H-indol-3-ylmethylene)-, monosodium salt (9CI) (CA INDEX NAME)

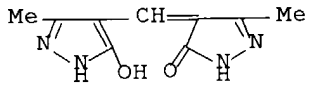


● Na

L4 ANSWER 123 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1978:192672 CAPLUS Full-text
DN 88:192672
TI Carriers and inks for transfer printing
IN Decombe, Robert
PA Sublistatic Holding S. A., Switz.
SO Ger. Offen., 16 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2739174	A1	19780309	DE 1977-2739174	19770831
	DE 2739174	B2	19790301		
	BE 858367	A1	19780302	BE 1977-180648	19770902
	BE 858366	A1	19780302	BE 1977-180647	19770902
	BE 858365	A1	19780302	BE 1977-180646	19770902
	FR 2363664	A1	19780331	FR 1977-26671	19770902
	FR 2363664	B1	19790713		
PRAI	CH 1976-11193		19760903		
	CH 1977-2979		19770309		

GI

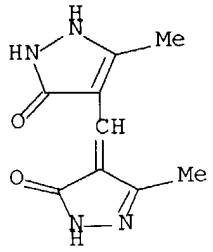


I

AB Aminoplast-impregnated cotton, cotton-polyester, and polyester are transfer printed fast shades by contacting with transfer sheets which have been printed with inks containing a sublimable mixture of a diaminoanthraquinone dye and a (phenylazo)pyridone dye or pyrazolone dye I [**66487-20-5**].

IT **66487-20-5**
RL: USES (Uses)
(transfer printing composition containing, for aminoplast-impregnated cotton and
cotton-polyester textiles)

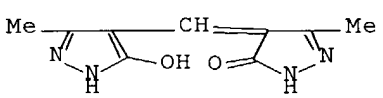
RN 66487-20-5 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-methyl- (9CI) (CA INDEX NAME)



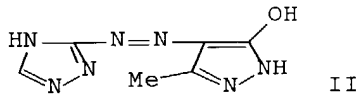
L4 ANSWER 124 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1978:192671 CAPLUS Full-text
DN 88:192671
TI Carriers and inks for transfer printing
IN Decombe, Robert; Moeckli, Peter
PA Ciba-Geigy A.-G., Switz.; Sublistatic Holding S. A.
SO Ger. Offen., 16 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2739314	A1	19780309	DE 1977-2739314	19770901
	BE 858367	A1	19780302	BE 1977-180648	19770902
	BE 858366	A1	19780302	BE 1977-180647	19770902
	BE 858365	A1	19780302	BE 1977-180646	19770902
	FR 2363664	A1	19780331	FR 1977-26671	19770902
	FR 2363664	B1	19790713		
	FR 2363449	A1	19780331	FR 1977-26670	19770902
	FR 2363450	A1	19780331	FR 1977-26672	19770902
	ES 462235	A1	19781216	ES 1977-462235	19770902
	ES 462074	A1	19790101	ES 1977-462074	19770902
	GB 1556119	A	19791121	GB 1977-36797	19770902
	JP 53031881	A2	19780325	JP 1977-105406	19770903
	JP 53031880	A2	19780325	JP 1977-105405	19770903
PRAI	CH 1976-11193		19760903		
	CH 1977-2939		19770309		

GI



I

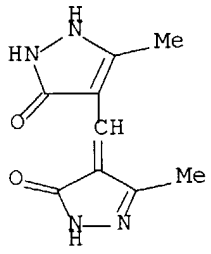


II

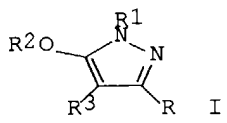
AB Transfer sheets are printed with inks containing yellow dyes I [**66487-20-5**], II [66487-27-2], or their mixts. with aminoanthraquinone dyes and used to print polyester and hexamethylolmelamine-polyethylene glycol-treated cotton fast, level yellow to green shades.

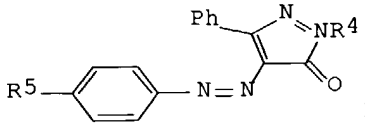
IT **66487-20-5**
RL: USES (Uses)
(dye, for transfer printing polyester and treated-cotton textiles)

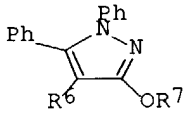
RN 66487-20-5 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 125 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1978:136510 CAPLUS Full-text
DN 88:136510
TI Reactions of 5-pyrazolone derivatives
AU Al-Hajjar, Farouk H.
CS Dep. Chem., Univ. Kuwait, Kuwait, Kuwait
SO Journal of the University of Kuwait, Science (1976), 3, 39-56
CODEN: JUKSD8; ISSN: 0376-4818
DT Journal
LA English
GI


I

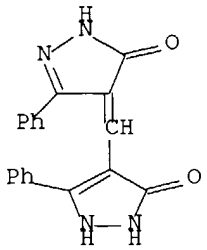

II


III

AB Methylation of hydroxypyrazoles I (R = Ph, 4-MeC6H4, 4-MeOC6H4; R1-R3 = H) with CH2N2 or Me2SO4 in neutral or alkaline media gave I (R = Ph, 4-MeC6H4, 4-MeOC6H4; R1 = R3 = H, R2 = Me). The bromination of I (R = Ph, R1-R3 = H) gave I (R3 = Br), which was methylated to give I (R = Ph, R1 = H, R2 = Me, R3 = Br) and acetylated to give I (R = Ph, R1 = R2 = Ac, R3 = Br). When the phenylazopyrazole II (R4 = R5 = H) was treated with Me2SO4, Ac2O, and Br the corresponding II (R4 = Me, R5 = H), II (R4 = Ac, R5 = H), and II (R4 = H, R5 = Br) were obtained. The reaction of III (R6 = R7 = H) with CH2N2 gave III (R6 = H,R7 = Me) which was brominated to give III (R6 = Br, R7 = Me).

IT **66076-96-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);
RACT
(Reactant or reagent)
(preparation and acetylation of)

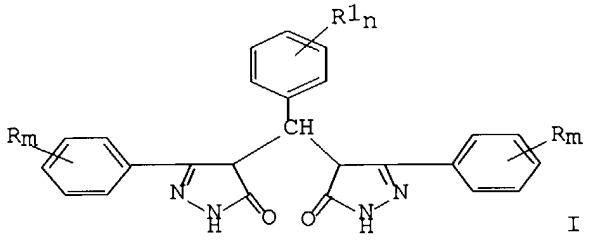
RN 66076-96-8 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-5-oxo-3-phenyl-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



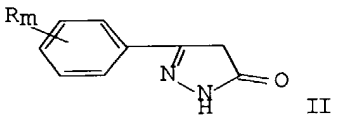
L4 ANSWER 126 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1977:502321 CAPLUS Full-text
DN 87:102321
TI Bispyrazolinones
IN Misawa, Takeshi; Goto, Takeshi
PA Otsuka Chemical Drugs Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52051366	A2	19770425	JP 1975-126509	19751020
PRAI	JP 1975-126509		19751020		

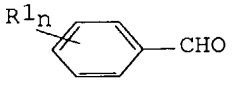
GI



I



II

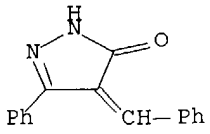


III

AB Thirty-one fungicidal (no data) bispyrazolones I (Rm = H, alkyl, etc.; R1n = H, alkyl, etc., m = 1-2; n = 1-2) were prepared by treating II with III. Thus, 8 g II (Rm = H) and 5.3 g PhCHO were heated and the resulting 4-benzylidene-3-phenylpyrazolinone treated with 8 g II (Rm = H) and 60% hydrazine hydrate in EtOH to give 89.7% (Rm = R1n = H). Among 30 more I similarly prepared were the following (Rm and R1n given): H, 3-Me; 2,4-Cl2, 2-Cl; 2-Cl, 3-Me; 3-Me, 2,4-Cl2.

IT **63554-75-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and condensation with phenylpyrazolinone)

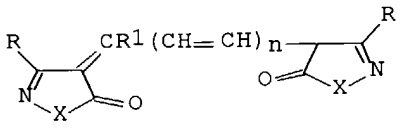
RN 63554-75-6 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-phenyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)

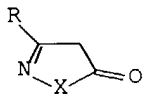


L4 ANSWER 127 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1977:44773 CAPLUS Full-text
DN 86:44773
TI Methine dyes of the oxonol type
PA Kodak-Pathe, Fr.
SO Fr. Demande, 12 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2291256	A1	19760611	FR 1974-37513	19741114
	FR 2291256	B1	19781124		
PRAI	FR 1974-37513		19741114		

GI


I

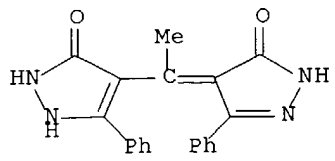

II

AB Sym. oxonols (I, R = Me, Ph; R1 = H, Me; X = substituted anilino, NH, PhNH, O; n = 0, 1) and related compds., useful as antihalation and filter dyes, were manufactured in .apprx.80% yield by refluxing II (R and X defined as in I) with HC(OEt)3, MeC(OEt)3, or 1,3,3-trimethoxyethoxypropane in dimethylacetamide [127-19-5] or DMF [68-12-2].

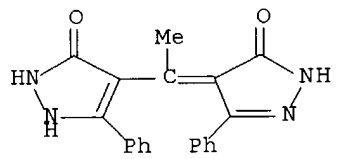
IT **58376-79-7P**
RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)

RN 58376-79-7 CAPLUS

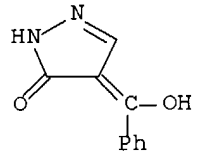
CN 3H-Pyrazol-3-one, 4-[1-(2,3-dihydro-3-oxo-5-phenyl-4H-pyrazol-4-ylidene)ethyl]-1,2-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



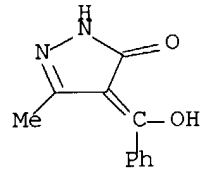
L4 ANSWER 128 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1976:91622 CAPLUS Full-text
DN 84:91622
TI New process for preparing oxonol methine dyes
AU Baralle, Roger M.
CS UK
SO Research Disclosure (1975), 140, 11-14
CODEN: RSDSBB; ISSN: 0374-4353
DT Journal
LA English
AB Salt-free monomethine, trimethine, and meso-substituted sym. oxonol dyes, useful as filter and antihalation dyes, are prepared by condensing a pyrazolone or a thiobarbituric acid derivative with an orthoester or a tetraalkoxypropane in dimethylacetamide [127-19-5] or DMF [68-12-2].
IT **58376-79-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 58376-79-7 CAPLUS
CN 3H-Pyrazol-3-one, 4-[1-(2,3-dihydro-3-oxo-5-phenyl-4H-pyrazol-4-ylidene)ethyl]-1,2-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



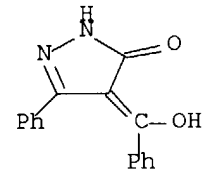
L4 ANSWER 129 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1971:420282 CAPLUS Full-text
DN 75:20282
TI Heterocyclic compounds from lactones, lactams, and thiollactones. XI. Transformation of 4-acyl-1,2-oxazolin-5-ones into the corresponding 4-acylpyrazolin-5-ones
AU Wamhoff, Heibrich; Schramm, Dieter; Korte, Friedhelm
CS Org.-Chem. Inst., Univ. Bonn, Bonn, Fed. Rep. Ger.
SO Synthesis (1971), (4), 216-17
CODEN: SYNTBF; ISSN: 0039-7881
DT Journal
LA English
GI For diagram(s), see printed CA Issue.
AB 4-(1-Hydroxyalkylidene)-2-pyrazolin-5-ones (I) (R = H, Me, Ph; R2 = Me, Ph; R3 = H, Ph) are prepared from 4-acyl-Δ2-1,2-oxazolin-5-ones (II). III are intermediates. Thus, II are treated with hydrazine sulfate or PhNHNH2 in the presence of NaOEt to give I (R2 = H, Ph). NMR spectral data are given.
IT **33064-03-8P 33064-06-1P 33064-08-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)(preparation of)
RN 33064-03-8 CAPLUS
CN 2-Pyrazolin-5-one, 4-(α-hydroxybenzylidene)- (8CI) (CA INDEX NAME)



RN 33064-06-1 CAPLUS
CN 2-Pyrazolin-5-one, 4-(α-hydroxybenzylidene)-3-methyl- (8CI) (CA INDEX NAME)



RN 33064-08-3 CAPLUS
CN 2-Pyrazolin-5-one, 4-(α-hydroxybenzylidene)-3-phenyl- (8CI) (CA INDEX NAME)



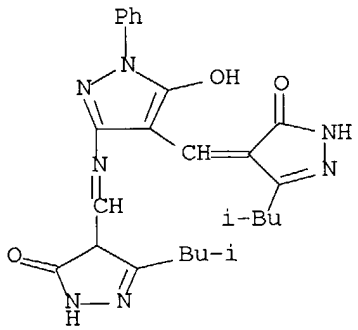
L4 ANSWER 130 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1970:521623 CAPLUS Full-text
DN 73:121623
TI Light stable colorants and ultraviolet inhibitors for plastics
IN Harris, Raymond Clement; Newland, Gordon C.
PA Eastman Kodak Co.
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 3531479	A	19700929	US 1968-757089	19680903
PRAI US 1968-757089		19680903		

GI For diagram(s), see printed CA Issue.

AB Light-stable yellow and orange pigments with the structure I, where R and R1 are H, Me, Ph, or iso-Bu, are prepared by treating 5-oxo-2-pyrazoline-4- carboxaldehydes with 3-amino-5-oxo-2-pyrazolines. A mixture of 4.04 g 3-methyl-5-oxo-1-phenyl-2-pyrazoline - 4-carboxaldehyde and 1.75 g 3-amino-5-oxo-1-phenyl-2-pyrazoline was added to 10 ml Me Cellosolve and the solution was heated on a steam bath for 2 hr. The solution was slowly cooled to room temperature, chilled, and filtered to give 87% yield I (R = Ph, R1 = Me). Addnl. I similarly prepared included R = Ph, R1 = H; R = H, R1 = Me; R = H, R1 = iso-Bu; R = R1 = Ph. When polypropylene film containing 5% I (R = Ph, R1 = Me) was artificially weathered in a Weather-Ometer modified with sunlamps, the film did not change color on exposure and had a stability rating of 50. The stability rating was determined by comparing the exposure time required to embrittle stabilized film with that required for unstabilized film.

IT **29971-85-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 29971-85-5 CAPLUS
CN 2-Pyrazolin-5-one, 4-[N-[5-hydroxy-4-[(3-isobutyl-5-oxo-2-pyrazolin-4-ylidene)methyl]-1-phenyl-2-pyrazolin-3-yl]formimidoyl]-3-isobutyl- (8CI) (CA INDEX NAME)

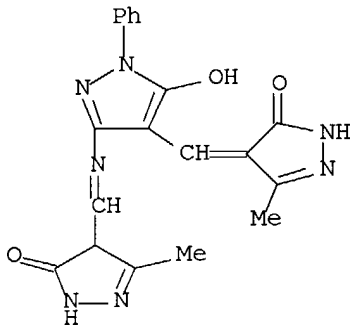


IT **29824-77-9**

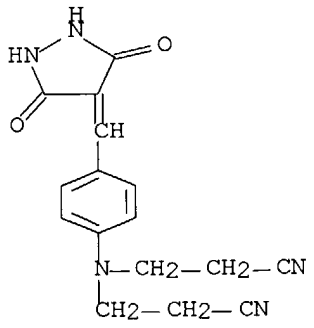
RL: USES (Uses)
(ultraviolet stabilizers, for plastics)

RN 29824-77-9 CAPLUS

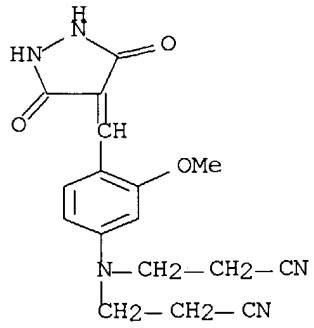
CN 2-Pyrazolin-5-one, 4-[N-[5-hydroxy-4-[(3-methyl-5-oxo-2-pyrazolin-4-ylidene)methyl]-1-phenyl-2-pyrazolin-3-yl]formimidoyl]-3-methyl- (8CI) (CA INDEX NAME)



L4 ANSWER 131 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1970:78584 CAPLUS Full-text
DN 72:78584
TI Chemistry of bis(2-cyanoethyl) derivatives of some aromatic amines. V. Preparation of some new tertiary aminobenzaldehydes and a study of some of their reactions
AU Jolly, V. S.; Ittyerah, P. I.
CS Chem. Lab., St. John's Coll., Agra, India
SO Journal of the Indian Chemical Society (1969), 46(11), 997-1002
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
AB 4-[N,N-bis(2-cyanoethyl)amino]-2-ethoxy- and 2,6-(dimethylamino)benzaldehydes have been prepared for the first time. Some of the reactions of these aldehydes and also of 4-[N,N-bis-(2-cyanoethyl)amino]-2-methoxy- and 2-methylbenzaldehydes have been studied. p-[N-Methyl-N-(2'-cyanoethyl)amino]benzaldehyde which has so farbeen known through some of its derivs. has now been isolated in the pure form.
IT **19500-49-3P 28006-74-8P 28006-77-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19500-49-3 CAPLUS
CN Propionitrile, 3,3'-[[α-(3,5-dioxo-4-pyrazolidinylidene)-p-tolyl]imino]di- (8CI) (CA INDEX NAME)

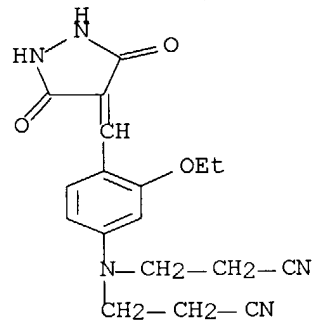


RN 28006-74-8 CAPLUS
CN Propionitrile, 3,3'-[[α-(3,5-dioxo-4-pyrazolidinylidene)-3-methoxy-p-tolyl]imino]di- (8CI) (CA INDEX NAME)



RN 28006-77-1 CAPLUS

CN Propionitrile, 3,3'-[[α-(3,5-dioxo-4-pyrazolidinylidene)-3-ethoxy-p-tolyl]imino]di- (8CI) (CA INDEX NAME)



L4 ANSWER 132 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1969:431352 CAPLUS Full-text
DN 71:31352
TI Pyrazolone monomethine merocyanine dyes
IN Weissel, Oskar; Raue, Roderich; Psaar, Hubertus
PA Farbenfabriken Bayer A.-G.
SO U.S., 4 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

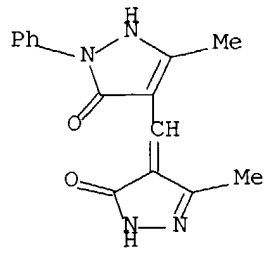
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3441563	A	19690429	US 1965-427205	19650105
PRAI	DE 1958-F27222		19581212		
	DE 1958-F27223		19581212		

GI For diagram(s), see printed CA Issue.

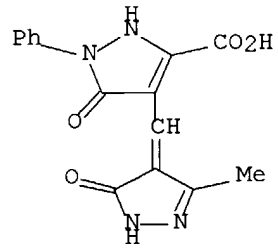
AB The title compds. having the general formulas I, II, and III, are photosensitizers and filter dyes. Thus, a mixture of 10.1 parts 1-phenyl-3-methyl-4-formyl-5-pyrazolone (IV), 6.55 parts 2-methylindole, and 30 vols. Ac2O was refluxed 10 min. and cooled to give 10.6 parts I (R1 = H, R2 = Me), dark red crystals, m. 214-17°. Similarly were prepared: I (R1 = Me, R2 = Ph), red, m. 198-201°. II (Z = CONHCONHCO), yellow m. 308-10° (HCONMe2-H2O); II (Z = CON:NC(OH):CH), m. 222-8°. The following III were also prepared (R1 = R3 = Me, R2 and m.p. given): Ph, 176-7° (yellow); 4-MeC6H4, 188-94°; H, 262-3°; 2-MeOC6H4, 205-7°; 2,5-Cl2C6H3, 225-8°; 4-O2NC6H4, 278-80°; 3-HO2CC6H4, 224-6°; 4-H2NC6H4, 227-9°; 2-sulfoneaminophenyl (sic), 286-8°; 3-methylsulfenylaminophenyl (?), 189-95°; 3-phenylsulfenyl- aminophenyl (?), 200-2°; 3-ethylsulfenylphenyl (?), 245-7°, 2-methoxy-5-ethylsulfenylphenyl (?), 179-86°; 4-HO3SNH-C6H4, 277-9°; 2,6,4-ClMe(HO3SNH)C6H2, 276-8°; 2,5-Me-(HO3SNH)C6H3, 221-7°; 2,2,6,3-Me2(HO3SNH)C6H2, 249-55°. The following III were prepared (R1-R3 and m.p. given): Me, Ph, H2NCO, 270-3°; HO2C, Ph, Me, 227-9°; HO2C, H, Me, 245-7°; Me, Ph, 4-MeOC6H4, 208-10° (yellow). Using 1-phenyl-3-carbethoxy-4- [(dimethylamino)methylene]-5-pyrazolone instead of IV, the following III were prepared (R1 = CO2Et; R2, R3, and m.p. given): 4-MeC6H4, Me, 193-5°; Ph, Me, 157-65°; H, Me, 196-8°; 3-HO2CC6H4, Me, 295-9°; Ph, H2NCO, 175-276° (sic); HO3SNHC6H4, Me, 206-8°; H, 3-MeOC6H4, 204-6°. Also prepared was a product, m. 266-8°, formed by the reaction of 5-methyl-4-formyl-5-pyrazolone (sic) with 1-(2-methoxyphenyl)-3-methyl-5-pyrazolone.

IT **23468-57-7P 23468-74-8P**
RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)

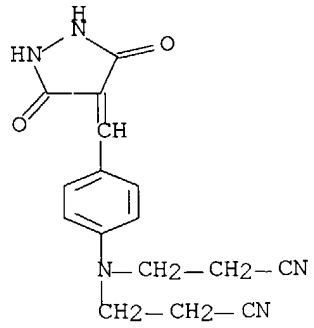
RN 23468-57-7 CAPLUS
CN 2-Pyrazolin-5-one, 3-methyl-4-[(3-methyl-5-oxo-1-phenyl-3-pyrazolin-4-yl)methylene]- (8CI) (CA INDEX NAME)



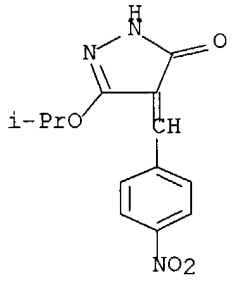
RN 23468-74-8 CAPLUS
CN 3-Pyrazoline-3-carboxylic acid, 4-[(3-methyl-5-oxo-2-pyrazolin-4-ylidene)methyl]-5-oxo-1-phenyl- (8CI) (CA INDEX NAME)



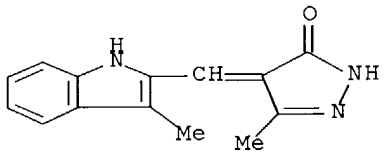
L4 ANSWER 133 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1968:467274 CAPLUS Full-text
DN 69:67274
TI Chemistry of bis(2-cyanoethyl) derivatives of some aromatic amines. III.
Further reactions of p-[bis(2-cyanoethyl)amino]benzaldehyde
AU Asthana, B. P.; Ittyerah, P. I.
CS St. John's Coll., Agra, India
SO Journal of the Indian Chemical Society (1968), 45(3), 232-6
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
AB p-[Bis(2-cyanoethyl)amino]benzaldehyde (I) is condensed with cyanoacetamide (II), ethyl acetoacetate, acetophenone (III), rhodanine (IV), nitromethane (V), isonicotinic acid hydrazide (VI), hydantoin (VII), and thiohydantoin (VIII) under the usual conditions to give the following p-[bis(2-cyanoethyl)amino]benzylidene-substituted, products the products identified by chemical and phys. methods (reactant, % yield, mp., and color given): II, 79.8, 265°, -; III, 56.2, 141° (EtOH), yellow; IV, 55.6, 243° (Me2CO), orange; V, 83.3, 211° (AcOH), red; VI, 75.3, 225° (EtOH), -; VII, 78, 235° (Me2CO), yellow; VIII, 58.3, 231° (MeOH), red. Also prepared was 30.5% di-Et p-[bis (2-cyanoethyl) amino]benzylidenebis (acetoacetate), m. 172° (EtOH). Oxidation of I yielded p-bis(2-cyanoethyl)amino]benzoic acid, m. 216° (aqueous EtOH). p-[Bis(2-cyanoethyl)amino]benzylidenemalonic acid, m. 193° (decomposition) (aqueous EtOH), and the secondary hydrazide, m. 220°, were prepared from the malonate. The following 2-R-substituted-4-[p-[bis(2-cyanoethyl)amino]benzylidene]-5-oxazolones were prepared under the usual conditions (R, m.p., and % yield given): Ph, 189°, 60; styryl, 221°, 55.5; o-nitrophenyl, 184°, 53.8; m-nitrophenyl, 235°, 38.5; p-nitrophenyl, 252°, 57.7; 3,5-dinitrophenyl, 269°, 65.2; o-chlorophenyl, 158°, 39.6; p-chlorophenyl, 240°, 50.5; 3,4-methylenedioxyphenyl, 292°, 59.2; p-methoxyphenyl, 248°, 62.5. Preliminary expts. indicate a use for the rhodanine derivative as a reagent for Cu, Hg, and Ag and the aldehyde itself as a detecting reagent for acyl glycines by paper chromatog.
IT **19500-49-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19500-49-3 CAPLUS
CN Propionitrile, 3,3'-[[α-(3,5-dioxo-4-pyrazolidinylidene)-p-tolyl]imino]di- (8CI) (CA INDEX NAME)



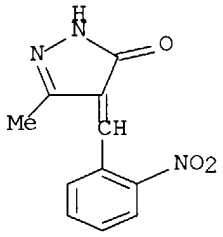
L4 ANSWER 134 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1967:421866 CAPLUS Full-text
DN 67:21866
TI Thionocarboxylic acid esters. II. Reactions of monothionomalonic acid esters with amino compounds
AU Barnikow, Guenter; Strickmann, Guenter
CS Humboldt-Univ., Berlin, Fed. Rep. Ger.
SO Chemische Berichte (1967), 100(5), 1661-6
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German
OS CASREACT 67:21866
GI For diagram(s), see printed CA Issue.
AB cf. CA 67: 11152k. Monothionomalonic acid esters reacted with 1,2-diamines or with 1-amino-2-hydroxy compds. to give 2-imidazolinyl- and 2-oxazolinylacetic acid esters, resp., and with hydrazine compds. to give 3-alkoxy-5-pyrazolones. Thus, EtOCSCH2CO2Et reacted with (H2NCH2)2, H2NCH2CH2OH or N2H4.H2O to give Et 2-imidazolin-2-ylacetate (II), Et 2-oxazolin-2-ylacetate, or 3-ethoxy-Δ2-pyrazol-5-one, resp. Other CH-acid thionocarboxylic acid esters, such as iso-Pr coumarin-3-thionocarboxylate, behaved similarly.
IT **16105-53-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 16105-53-6 CAPLUS
CN 2-Pyrazolin-5-one, 3-isopropoxy-4-(p-nitrobenzylidene)- (8CI) (CA INDEX NAME)



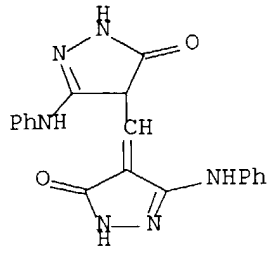
L4 ANSWER 135 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:490532 CAPLUS Full-text
DN 65:90532
OREF 65:16930g-h
TI Reactions of 2,3-dimethylindole and tetrahydrocarbazole with N-bromosuccinimide
AU Sakakibara, H.; Kobayashi, T.
CS Gakushuin Univ., Tokyo
SO Tetrahedron (1966), 22(8), 2475-9
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English
OS CASREACT 65:90532
GI For diagram(s), see printed CA Issue.
AB Reaction of 2,3-dimethylindole and tetrahydrocarbazole with N-bromosuccinimide in the presence of C5H5N gave the corresponding pyridinium bromides (I and II) which were condensed with acetoacetic ester, benzoylacetic ester and malonic ester in the presence of K2CO3.
IT **10523-18-9**, 2-Pyrazolin-5-one, 3-methyl-4-[(3-methylindol-2-yl)methylene]-
(preparation of)
RN 10523-18-9 CAPLUS
CN 2-Pyrazolin-5-one, 3-methyl-4-[(3-methylindol-2-yl)methylene]- (7CI, 8CI)
(CA INDEX NAME)



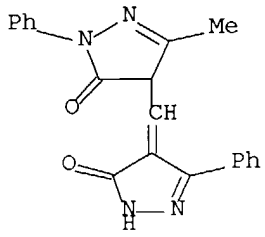
L4 ANSWER 136 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:473419 CAPLUS Full-text
DN 65:73419
OREF 65:13683h,13684a-b
TI The preparation of 9-hydroxypyrazolo [3,4-b]quinolines
AU Coutts, R. T.; Edwards, J. B.
CS Univ. Saskatchewan, Saskatoon
SO Canadian Journal of Chemistry (1966), 44(17), 2009-14
CODEN: CJCHAG; ISSN: 0008-4042
DT Journal
LA English
OS CASREACT 65:73419
GI For diagram(s), see printed CA Issue.
AB 4-(2-Nitrobenzylidene)-2-pyrazolin-5-ones (I) were best prepared by heating o-O2NC6H4CHO and 2-pyrazolin-5-ones in Ac2O containing fused NaOAc I were reductively cyclized with cyclohexene and Pd-C, and gave 3a,4,9,9a-tetrahydro-9-hydroxy-1H-pyrazolo [3,4-b] quinolines (II) which, as expected, were amphoteric compds. Of the 3 other methods of reduction used in this study, two (Zn and HOAc; NaBH4 and Pd-C) were capable of producing pyrazoloquinolines, but were less reliable. The other method employed (N2H4.H2O and Pd-C) caused degradation of the pyrazolone mol. in the 2 cases examined, and in both, bis(2-aminobenzylidene)hydrazine was the reduction product isolated.
IT **10234-90-9,** 2-Pyrazolin-5-one, 3-methyl-4-(o-nitrobenzylidene)-
(preparation of)
RN 10234-90-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)
(CA INDEX NAME)



L4 ANSWER 137 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:438500 CAPLUS Full-text
DN 65:38500
OREF 65:7167e-h
TI Carbon disulfide reactions with various mono- and disubstituted pyrazolones
AU Papini, Piero; Auzzi, Gabriella
CS Univ. Florence
SO Gazzetta Chimica Italiana (1966), 96(4), 430-42
CODEN: GCITA9; ISSN: 0016-5603
DT Journal
LA Italian
OS CASREACT 65:38500
GI For diagram(s), see printed CA Issue.
AB The reaction of 1-R, 2-R1-disubstituted 3,5-pyrazolidinediones (I) with alc. KOH to yield the corresponding 4-dithio acids (II) (CA 64, 19592e) was extended to the following I and II (R, R1, I mp., and II m. p. given): Ph, H, --, 140-5° (decomposition) (EtOH) (thioanhydride decomposed 285°); C6H4Cl-p, Ph, 170-5° (EtOH), - [Me ester m. 186-8° (EtOH); amide m. 245-7° (EtOH)]; p-tolyl, Ph, 130°, - [yellow Me ester m. 184° (EtOH); amide m. 210° (EtOAc); C6H4OCH2Ph-p, Ph, -, 115-20° (decomposition) [yellow Me ester m. 140° (EtOH); amide m. 240° (HOAc); anitide m. 133-5° (EtOH)]. I (R = Ph, R1 = H) boiled in dilute HCl gave III, m. 280° (decomposition) (EtOH). II (R = Ph, R1 = H) boiled with H2O and Na-Hg and the colorless mixture acidified with dilute HCl also gave III. Also prepared was 3-anilino-5-pyrazolone-4-dithiocarboxylic acid, m. 165-70° (decomposition) (EtOH), from 3-anilino-5-pyrazolone (IV), m. 245° (decomposition) (H2O). Equimolar amts. of IV and HCONPh2 heated 1 hr. at 130° gave 3-anilino-4-anilinomethylene-5-pyrazolone (V), m. <360° (EtOH). V boiled 0.5 hr. in alc. KOH gave VI, m. 305-6° (decomposition) (EtOH). Similarly prepared were the following 1-phenyl-5-R-substituted-3-pyrazolone-4-dithiocarbonic acids (R and m.p. given): NH2, 178° (EtOH); PhNH, 135-40° (decomposition) (EtOAc). To 1-phenyl-3-amino-5-pyrazolone (VII) (0.1 mole) in a solution of 0.1 mole KOH in 5-10 ml. H2O and 200 ml. MeOH was added excess CS2, the solution kept 48 hrs. and evaporated, and the residue acidified with dilute HCl to give VIII, m. 220° (EtOAc). The 4-dithio acid derivative (IX), m. 146-9° (EtOH), of VII was prepared from the N-Ac derivative of VII, m. 166-8°. IX treated with CS2 in KOH solution and acidified also gave VIII.
IT **7245-35-4**, 2-Pyrazolin-5-one, 4,4'-methylidynebis[3-anilino- (preparation of)
RN 7245-35-4 CAPLUS
CN 2-Pyrazolin-5-one, 4,4'-methylidynebis[3-anilino- (7CI, 8CI) (CA INDEX NAME)



L4 ANSWER 138 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1964:447840 CAPLUS Full-text
DN 61:47840
OREF 61:8293h,8294a-b
TI A novel method for preparing 4-formyl-3-methyl-1-phenyl-5-pyrazolone
AU Dymek, Wojciech; Janik, Boleslaw; Zimon, Romuald
CS Akad. Med., Krakow, Pol.
SO Acta Polon. Pharm. (1963), 20(1), 9-14
DT Journal
LA Polish
GI For diagram(s), see printed CA Issue.
AB 3-Methyl-1-phenyl-5-pyrazolone (I) (17.3 g.) and 14.6 g. HCONMe2 was treated dropwise at room temperature with 19.4 g. POCl3, the mixture heated 3 hrs. at 80°, cooled, hydrolyzed with 100 g. ice, alkalized to pH 10 with 2N NaOH, heated until evolution of Me2NH ceased, cooled, and acidified to pH 4 5 with 2N HCl to yield II (RR1 = O) (IV), m. 174-5° (EtOH); III, m. 180-1° (EtOH), was isolated as a byproduct. Attempted preparation of IV by hydrolyzing II (R = OH, R1 = CCl3) (V) with aqueous K2CO3 or NaOH failed. V was prepared by heating 1.74 g. I and 1.6 g. CCl3CHO.H2O 30 min. at 70° and crystallizing the melt from EtOH, m. 172-3°. IV refluxed 2 hrs. with an equimolar amount of 3-phenyl-5-pyrazolone in EtOH gave VI, m. 214-15° (EtOH). Several Schiff bases were prepared by refluxing equimolar amts. of IV and amines in EtOH or AcOH (amine and m.p. of the Schiff base (EtOH) given): PhNH2, 154-5°; p-EtOC6H4NH2, 149-50°; o-C6H4(NH2)2 (bis compound), 255-6°; sulfamidopyrine, 212°; sulfanilamide, 286-7°; sul-fathiazole, 272-3°; sulfadiazine, 275-6°.
IT **96057-36-2**, 2-Pyrazolin-5-one, 3-methyl-4-[(5-oxo-3-phenyl-2-pyrazolin-4-ylidene)methyl]-1-phenyl-
(preparation of)
RN 96057-36-2 CAPLUS
CN 2-Pyrazolin-5-one, 3-methyl-4-[(5-oxo-3-phenyl-2-pyrazolin-4-ylidene)methyl]-1-phenyl- (7CI) (CA INDEX NAME)



L4 ANSWER 139 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:449843 CAPLUS Full-text
DN 57:49843
OREF 57:9991i,9992a-c
TI Bis(pyrazolone)methenyl dyes
PA Farbenfabriken Bayer A.-G.
SO 5 pp.
DT Patent
LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 888547		19620131	GB	
PRAI	DE		19581209		

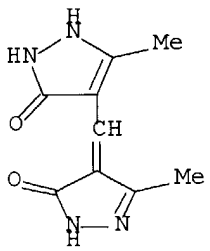
GI For diagram(s), see printed CA Issue.

AB Valuable dyeings or prints are obtained on textiles, films, or other shaped articles made from aromatic polyesters, polyamides, polyurethans, or cellulose esters with dyes of the general formula I where R is H, Ph or p-MeC6H4, and R' is Me or CO2Et. Thus, 0.4 g. I (R = p-tolyl, R' = Me), 4.5 g. Me cresotate, and 2.0 g. condensation product from C10H7SO3H and H2CO in 1 l. H2O adjusted to pH 4.5 and poly(ethylene terephthalate) fibers or 4,4'-dihydroxydiphenylpropane polycarbonate fibers dyed in this solution at 98-100° gave greenish yellow dyeings of excellent light and moisture fastness; the same results were obtained with acetate rayon fabrics. I (R = Ph and R' = CO2Et) gave similarly greenish yellow dyeings on poly(ethylene terephthalate) fibers and poly-ε-caprolactam fabrics.

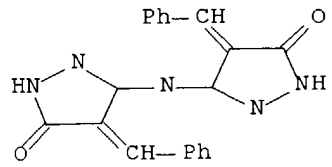
IT **66487-20-5**, 2-Pyrazolin-5-one, 3-methyl-4-[(3-methyl-5-oxo-3-pyrazolin-4-yl)methylene]-
(dyeing with)

RN 66487-20-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-methyl- (9CI) (CA INDEX NAME)

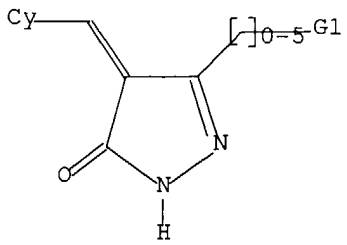


L4 ANSWER 140 OF 140 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1959:99807 CAPLUS Full-text
DN 53:99807
OREF 53:18009b-g
TI The condensation of 3-amino-5-pyrazolones with aldehydes-synthesis of 5-pyrazolonylguanidines
AU Gagnon, Paul E.; Boivin, Jean L.; Zauhar, Joseph
CS Laval Univ., QC
SO Canadian Journal of Chemistry (1959), 37, 110-17
CODEN: CJCHAG; ISSN: 0008-4042
DT Journal
LA Unavailable
OS CASREACT 53:99807
GI For diagram(s), see printed CA Issue.
AB cf. C.A. 47, 6940a. 3-Amino-5-pyrazolones were condensed with aldehydes (3:1 molar ratio) in the presence of piperidine (I) to yield 3,3'-iminobis(4-alkylidene-5-pyrazolones), (RCH:C.CO.NR'.N:C2NH (II), 4-alkylidene-3-iminoalkylidene-5-pyrazolones, RCH:C.CO.NR'.N:CN:CHR (III), or 4-alkylidene-5-pyrazolones, RCH:C.CO.NR'.N:CNH2 ((IV), depending on the reagents used. Thus, 0.56 mole BzH was condensed with 0.2 mole of 3-amino-5-pyrazolone (V) and 4 ml. I in refluxing EtOH to yield 17% of II (R = Ph, R' = H), m. 252-3°. PhCH2CHO (0.56 mole) and 0.2 mole V under similar conditions gave 30% III (R = PhCH2, R' = H), m. 264-5° (EtOH). AcH with 3-amino-1-phenyl-5-pyrazolone gave 95.7% IV (R = Me, R' = Ph), m. 225-6° (EtOH). Similarly were prepared (compound number, R, R', m.p., solvent, and % yield are given): II, Ph, Ph, 242-4°, dioxane, 34.1; II, p-MeOC6H4, Ph (VI), 253-4°, AcOH, 89.1°; III, Bu, Ph, 165-7°, MeOH, 51; IV, Et, Ph(VII), 184-6°, EtOH, 56.1; IV, Ph, Ph (VIII), 231-3°, MeOH, 84.5. Na (0.07 mole) was added to a solution of 0.01 mole of VII at a rate to cause vigorous reflux. The mixture was refluxed 1.5 hrs. and EtOH evaporated in vacuo. The residue was treated with 40 ml. H2O, filtered, and the filtrate acidified with 50% AcOH to give red 3,3'-iminobis(1-phenyl-4- propylidenepyrazolin-5-ol). The filter residue was II (R = Et, R' = Ph), m. 215-17°. VIII was similarly reduced with Na in EtOH to 4-benzylidene-3-amino-1-phenylpyrazolin-5-ol, needles, m. 197-9° (EtOH). VI was also reduced to the bis-5-pyrazolinol in 38% yield, m. 170-2°. 4-Substituted-3-amino-5-pyrazolones (0.03 mole) were fused with 0.02 mole dicyandiamide to give N,N'-bis(4-alkyl-5-pyrazolon-3- yl)guanidines (alkyl group, m.p., and % yield given): amyl, 197-9°, 88; benzyl, 258-61°, 75; butyl, 239-41° (EtOH-H2O), 57. The infrared absorption maximum were tabulated for the above compds.
IT **102024-76-0**, 2-Pyrazolin-5-one, 3,3'-iminobis[4-benzylidene-
(preparation of)
RN 102024-76-0 CAPLUS
CN 2-Pyrazolin-5-one, 3,3'-iminobis[4-benzylidene- (6CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

=> d l1; d his; log y
L1 HAS NO ANSWERS
L1 STR



G1 H,O,S,N,Cb,Hy,Ak

Structure attributes must be viewed using STN Express query preparation.

(FILE 'HOME' ENTERED AT 18:08:59 ON 07 APR 2004)

FILE 'REGISTRY' ENTERED AT 18:09:07 ON 07 APR 2004
L1 STRUCTURE UPLOADED
L2 19 S L1
L3 1953 S L1 FUL

FILE 'CAPLUS' ENTERED AT 18:10:58 ON 07 APR 2004
L4 140 S L3

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	668.10	824.57

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-97.02	-97.02

STN INTERNATIONAL LOGOFF AT 18:13:58 ON 07 APR 2004